

GenCore version 5.1.4_p5_4578
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OM protein - protein search, using sw model

Run on: March 17, 2003, 16:40:47 ; Search time 14 Seconds

(without alignments)
855.996 Million cell updates/sec

Title: US-09-840-243B-11
Perfect score: 1341
Sequence: 1 MELTQPAEDLIQTQTPASE.....VIENHILKLFQSNLVPADPE 260

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*

1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	length	DB ID	Description
1	1341	100.0	260	9 US-09-840-243B-11	Sequence 11, Appl
2	1341	100.0	260	9 US-09-840-243B-12	Sequence 12, Appl
3	1113.5	83.0	269	9 US-09-840-243B-13	Sequence 13, Appl
4	561.5	41.9	220	9 US-09-840-243B-18	Sequence 18, Appl
5	542.5	40.5	218	9 US-09-840-243B-19	Sequence 19, Appl
6	257	19.2	49	10 US-09-864-761-47859	Sequence 47859, A
7	196.5	14.7	551	10 US-09-835-788A-17	Sequence 17, Appl
8	192	14.3	740	10 US-09-835-788A-12	Sequence 12, Appl
9	191	14.2	426	10 US-09-908-711-70	Sequence 70, Appl
10	187	13.9	673	10 US-09-841-835-8	Sequence 8, Appli
11	187	13.9	949	10 US-09-841-835-10	Sequence 10, Appl
12	187	13.9	1327	9 US-09-972-115A-8	Sequence 8, Appli
13	187	13.9	1327	10 US-09-841-835-2	Sequence 2, Appli
14	185	13.8	285	10 US-09-835-788A-18	Sequence 18, Appl
15	185	13.8	1724	9 US-09-964-899-43	Sequence 43, Appl
16	175	13.0	328	10 US-09-758-593A-11	Sequence 11, Appl
17	175	13.0	328	10 US-09-758-593A-12	Sequence 12, Appl
18	175	13.0	435	9 US-09-533-029-56	Sequence 56, Appl
19	173	12.9	329	10 US-09-880-192-62	Sequence 62, Appl

20	173	12.9	329	10 US-09-758-593A-1	Sequence 1, Appli
21	171.5	12.8	251	10 US-09-835-788A-13	Sequence 13, Appl
22	165.5	12.3	452	10 US-09-840-704-2	Sequence 2, Appli
23	164	12.2	802	9 US-09-964-899-41	Sequence 41, Appl
24	163.5	12.2	599	10 US-09-735-368-2	Sequence 2, Appli
25	160.5	12.0	384	9 US-09-924-400-334	Sequence 334, App
26	160.5	12.0	384	10 US-09-810-936-334	Sequence 334, App
27	159	11.9	1074	10 US-09-509-196A-2	Sequence 2, Appli
28	158.5	11.8	384	9 US-09-924-400-304	Sequence 304, App
29	158.5	11.8	384	9 US-09-924-400-340	Sequence 340, App
30	158.5	11.8	384	10 US-09-825-301-8	Sequence 8, Appli
31	158.5	11.8	384	10 US-09-810-936-304	Sequence 304, App
32	158.5	11.8	384	10 US-09-429-755-304	Sequence 304, App
33	158.5	11.8	394	9 US-09-924-400-336	Sequence 336, App
34	158.5	11.8	529	9 US-09-924-400-324	Sequence 324, App
35	158.5	11.8	529	10 US-09-810-936-324	Sequence 324, App
36	158.5	11.8	656	9 US-09-924-400-305	Sequence 305, App
37	158.5	11.8	656	9 US-10-012-896-379	Sequence 379, App
38	158.5	11.8	656	9 US-09-895-793-379	Sequence 379, App
39	158.5	11.8	656	9 US-09-895-814-379	Sequence 379, App
40	158.5	11.8	656	10 US-09-825-301-9	Sequence 9, Appli
41	158.5	11.8	656	10 US-09-759-143-379	Sequence 379, App
42	158.5	11.8	656	10 US-09-780-669-379	Sequence 379, App
43	158.5	11.8	656	10 US-09-810-936-305	Sequence 305, App
44	158.5	11.8	656	10 US-09-822-827-379	Sequence 379, App
45	158.5	11.8	656	10 US-09-429-755-305	Sequence 305, App

ALIGNMENTS

RESULT 1
US-09-840-243B-11
; Sequence 11, Application US/09840243B
; Patent No. US20020156258A1
; GENERAL INFORMATION:
; APPLICANT: MASTERNAK, Krzysztof
; APPLICANT: REITH, Walter
; APPLICANT: MACH, Bernard
; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and
; FILE REFERENCE: 010830-117
; CURRENT APPLICATION NUMBER: US/09/840, 243B
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 98120085.0
; PRIOR FILING DATE: 1998-10-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-840-243B-11

Query Match	100.0%;	Score 1341;	DB 9;	Length 260;
Best Local Similarity	100.0%;	Pred. No. 1.2e-113;		
Matches 260;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY 1	MELTQPAEDLIQTQTPASELGDPEDPGEAAADGSDTVLSLFPCTPEPVNPEPDASVSS	60		
Db 1	MELTQPAEDLIQTQTPASELGDPEDPGEAAADGSDTVLSLFPCTPEPVNPEPDASVSS	60		
QY 61	PQAGSLKXSTLTNRGRNEVSALPATLDSLSIHQLAQGELDQLEKHKRGNLVNKP	120		
Db 61	PQAGSLKXSTLTNRGRNEVSALPATLDSLSIHQLAQGELDQLEKHKRGNLVNKP	120		
QY 121	DERGFTPLIWASAFGEIETVRFLEWGADPHILAKERESALSLASTGYTDIVGLLLERD	180		
Db 121	DERGFTPLIWASAFGEIETVRFLEWGADPHILAKERESALSLASTGYTDIVGLLLERD	180		
QY 181	VDINIYDWNNGTPLLAVRGNHVKCVALLARGADLTTEADSGYTPMDLAVALLGYRKVQ	240		

Db 181 VDINIYDWMNGTPLLVAVRGNHVKCEALLARGADLTTEADSGYTPMDLAVALGYRKYQQ 240
QY 241 VIENHILKLFQSNLVPADPE 260
Db 241 VIENHILKLFQSNLVPADPE 260

RESULT 2
US-09-840-243B-12
; Sequence 12, Application US/09840243B
; Patent No. US20020156258A1
; GENERAL INFORMATION:
; APPLICANT: MASTERNAK, Krzysztolof
; APPLICANT: REITH, Walter
; APPLICANT: MACH, Bernard
; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and
; TITLE OF INVENTION: Medical Uses of These Substances
; FILE REFERENCE: 010830-117
; CURRENT APPLICATION NUMBER: US/09/840,243B
; CURRENT FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 98120085.0
; PRIOR FILING DATE: 1998-10-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-840-243B-12

Query Match 100.0%; Score 1341; DB 9; Length 260;
Best Local Similarity 100.0%; Pred. No. 1.2e-113;
Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MELTQPAEDLIQTQTPASELGDPEDEGEAADGSDTVLSLFPCTPEPVNPEPDASVSS 60
Db 1 MELTQPAEDLIQTQTPASELGDPEDEGEAADGSDTVLSLFPCTPEPVNPEPDASVSS 60
QY 61 PQAGSLKHSTTLTNRQRGNEVSALPATLDSLSIHQLAOGELDQKHEHLRKGDNLVKNP 120
Db 61 PQAGSLKHSTTLTNRQRGNEVSALPATLDSLSIHQLAOGELDQKHEHLRKGDNLVKNP 120
QY 121 DERGFTPLIWASAFGEIETVRFLLEWGDPHILAKERESALSLASTGTYDITVGLLIERD 180
Db 121 DERGFTPLIWASAFGEIETVRFLLEWGDPHILAKERESALSLASTGTYDITVGLLIERD 180
QY 181 VDINIYDWMNGTPLLVAVRGNHVKCEALLARGADLTTEADSGYTPMDLAVALGYRKYQQ 240
Db 181 VDINIYDWMNGTPLLVAVRGNHVKCEALLARGADLTTEADSGYTPMDLAVALGYRKYQQ 240
QY 241 VIENHILKLFQSNLVPADPE 260
Db 241 VIENHILKLFQSNLVPADPE 260

RESULT 3
US-09-840-243B-13
; Sequence 13, Application US/09840243B
; Patent No. US20020156258A1
; GENERAL INFORMATION:
; APPLICANT: MASTERNAK, Krzysztolof
; APPLICANT: REITH, Walter
; APPLICANT: MACH, Bernard
; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and
; TITLE OF INVENTION: Medical Uses of These Substances
; FILE REFERENCE: 010830-117
; CURRENT APPLICATION NUMBER: US/09/840,243B
; CURRENT FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 98120085.0
; PRIOR FILING DATE: 1998-10-24
; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 269
; TYPE: PRT
; ORGANISM: Murinae gen. sp.
US-09-840-243B-13

Query Match 83.0%; Score 1113.5; DB 9; Length 269;
Best Local Similarity 81.9%; Pred. No. 4.7e-93;
Matches 221; Conservative 15; Mismatches 23; Indels 11; Gaps 2;
QY 1 MELTQPAEDLIQTQTPASELGDPEDEGEAADGSDTVLSLFPCTPEPVNPEPDASVSS 60
Db 1 MEPTQVAENLVNQPPVPELDEPDTRDESPENSSTVLSLFPCTPDVAVNPEADASASS 60
QY 61 PQAGSLKHSTTLTNRQRGNEVSALPATLDSLSIHQLAOGELDQKHEHLRK----- 112
Db 61 LQ-GSFLKHSTTLTNRQRGNEVSALPATLDSLSIHQLAOGELSQLKDHLRKACPACTC 119
QY 113 --GDNLVNKPDERGFTPLIWASAFGEIETVRFLLEWGDPHILAKERESALSLASTGTYT 170
Db 120 LSGNNLINKPDERGFTPLIWASAFGEIETVRFLLDWGADPHILAKERESALSLASMGYT 179
QY 171 DIVGLLERDVIDINIYDWMNGTPLLVAVRGNHVKCEALLARGADLTTEADSGYTPMDLA 230
Db 180 DIVRLLD RDVDINIYDWMNGTPLLVAVRGNHVKCEALLARGADLTTEADSGYTPMDLA 239
QY 231 VALGYRKVQOVIEHILKLFQSNLVPADPE 260
Db 240 VALGYRKVQVQWESHILRLFQSTLGPVDPE 269

RESULT 4
US-09-840-243B-18
; Sequence 18, Application US/09840243B
; Patent No. US20020156258A1
; GENERAL INFORMATION:
; APPLICANT: MASTERNAK, Krzysztolof
; APPLICANT: REITH, Walter
; APPLICANT: MACH, Bernard
; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and
; TITLE OF INVENTION: Medical Uses of These Substances
; FILE REFERENCE: 010830-117
; CURRENT APPLICATION NUMBER: US/09/840,243B
; CURRENT FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 98120085.0
; PRIOR FILING DATE: 1998-10-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 220
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC FEATURE
; LOCATION: (31)-(159)
; OTHER INFORMATION: Amino acids at positions 31, 148 and 159 are Xaa wherein
; OTHER INFORMATION: Xaa = any amino acid.
US-09-840-243B-18

Query Match 41.9%; Score 561.5; DB 9; Length 220;
Best Local Similarity 55.1%; Pred. No. 2.7e-43;
Matches 119; Conservative 27; Mismatches 61; Indels 9; Gaps 4;
QY 37 TVVLSLFPCTPEPVNPEPDASV-----SSPQAGSLKHSTTLTNRQRGNEVSALPATLD 90
Db 7 TFEVFLAECNIH-TSPSPGIGVRHVXTPSTTKHFSPIKQSTTLTNKRGNEVSTPPLAN 65
QY 91 SLSTHQLAOGELDQKHEHLRKGDNLVNKPDERGFTPLIWASAFGEIETVRFLLEWGADP 150
Db 66 SLSTVHQLAAGGEMVYLAIRIEQ-ENVINHTDEEGFTPLMWAAAHGQIAVVEFLLQNGADP 124


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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 551
; TYPE: PR1
; ORGANISM: Homo sapiens
;
US-09-835-788A-17

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Query Match	14.7%;	Score 196.5;	DB 10;	Length 551;
Best Local Similarity	31.0%;	Pred. No. 9.3e-10;		
Matches	58;	Conservative	27;	Mismatches 65;
				Indels 37;
				Gaps 3;

QY 84 ALFATLDSLSIHQL---AAOGELDOLKEHURKGDNLVNPDERGFTPLIMASAEIETV 140
 | : : : | : : : | : : : | : : :
Db 27 ANPSVTGLYSVPYPIWAAGRCHADIVHLLONGAK-VNCSDKYGTTPLVMAARKHLECV 85

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QY      141 RFLLEWGAD-----PHILAKERESIASLASTG 167
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Db      86 KHLAMGADVDOEGANSMTALIVA VKGYTSVKEILKRNPNVNLTDKDGNTALMTASKE 145

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QY 168 GYTDIVGLLLERVDVINITYDMNGSTPLLYAVRGNHVKCEALLARGADLTTEADSGYTTPM 227
|::||| :||: |||: |||: |||: |:
Db 146 GHTEIVQDLLDAGTYVNI PDRSGFTVLGAVRGGHVEIVRALLLQKYADIDIRGDNKTAL 205

QY	228	DLAVALG	234
Db	206	YWAVEKG	212

RESULT 8
US-09-835-788A-12

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; TITLE OF INVENTION: Death Domain-Containing Receptor Polynucleotides, Polypeptides, a
; TITLE OF INVENTION: Antibodies
; FILE REFERENCE: PT018P1
; CURRENT APPLICATION NUMBER: US/09/835,788A
; CURRENT FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: PCT/US00/28666
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/159,585
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/167,246
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 740
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-835-788A-12

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Query Match	14.3%;	Score 192;	DB 10;	Length 740;
Best Local Similarity	28.0%;	Pred. No. 3.6e-09;		
Matches	69;	Conservative	32;	Mismatches 89;
			Indels	56;
			Gaps	8;

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QY      16 TPASELGDPEDP-----GEEADGSPTVLSLFPCTPE-----PVNPEPD 55
        ||| | | |
Db     263 TPAQTLDTLDDLIAAVSTRVFTGSMSSQTTECLTPESCSQTTSNVASGSMPPVPSVD 322
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QY 56 ASVSSPQAGSSLSKHSITLTINRQRGNEVSALPATLDSLSIHQLAAGGELDQLEKHLRKGDN 115
| : | | | | | | : | |
Db 323 I-----DAHTESNHDALT-----LACAGGHEELVSVLIARDA 355

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QY 116 LVNPKDERGFTPLIMASAFGEIETVRFLEWGADPHILA-KERESALSASTGTYDIVG 174
      : ::|||: : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 356 KIEHRDKGFTPLIATAGHGVETLLDKGDIEAQSEKTDTPLSLACSGRQEVVD 415
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Qy 175 LLERDVD---INITYDMNGSTPLLYAVRGNHVKCEVALLARGADLTTEADS--GYTPMDL 229
||| | : : ||| | : : ||| | : :
Db 416 LLLARGANKHRNVS DY---TPLSLAASGGYVNIIKILLNAGAEINSRTSGKTGISPLML 472

QY	230	AVALGY	235
			:
Db	473	AAMNGH	478

RESULT 9
US-09-908-711-70

; Sequence 70, Application US/09908711
; Patent No. US20020045230A1
; GENERAL INFORMATION:

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; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT APPLICATION NUMBER: US/09/908,711

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; PRIOR APPLICATION NUMBER: US01/013600
 ;
 ; PRIOR FILING DATE: 2001-01-17
 ;
 ; PRIOR APPLICATION NUMBER: 09/764,867

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; PRIOR APPLICATION NUMBER: US01/013444
;
; PRIOR FILING DATE: 2001-01-17
;
; PRIOR APPLICATION NUMBER: 09/764,892

; PRIOR APPLICATION NUMBER: US01/01345
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: 09/764,888

PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764,905

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1  PRIOR FILING DATE: 2001-01-17
2  PRIOR APPLICATION NUMBER: US01/01339
3  PRIOR FILING DATE: 2001-01-17
4  PRIOR APPLICATION NUMBER: 09/764,869
5  PRIOR FILING DATE: 2001-01-17
6  PRIOR APPLICATION NUMBER: US01/01340
7  PRIOR FILING DATE: 2001-01-17
8  PRIOR APPLICATION NUMBER: 09/764,874
9  PRIOR FILING DATE: 2001-01-17
10 PRIOR APPLICATION NUMBER: US01/01334
11 PRIOR FILING DATE: 2001-01-17
12 PRIOR APPLICATION NUMBER: 09/764,898
13 PRIOR FILING DATE: 2001-01-17
14 PRIOR APPLICATION NUMBER: US01/01320
15 PRIOR FILING DATE: 2001-01-17
16 PRIOR APPLICATION NUMBER: 09/764,853
17 PRIOR FILING DATE: 2001-01-17
18 PRIOR APPLICATION NUMBER: US01/01349

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; PRIOR APPLICATION NUMBER: 09/764,902
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 ; PRIOR FILING DATE: 2001-01-17
 ;
 ; PRIOR APPLICATION NUMBER: US01/012339

; PRIOR APPLICATION NUMBER: 09/764,870
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: US01/013488

; PRIOR APPLICATION NUMBER: 09/764,882
 ;
 ; PRIOR FILING DATE: 2001-01-17
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 ; PRIOR APPLICATION NUMBER: US01/013477
 ;

; PRIOR APPLICATION NUMBER: 09/764,896
 ;
 ; PRIOR FILING DATE: 2001-01-17
 ;
 ; PRIOR APPLICATION NUMBER: US01/013077
 ;

; PRIOR APPLICATION NUMBER: 09/764,864
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: US01/013411


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; PRIOR APPLICATION NUMBER: 09/764,856
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01336
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01312
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 70
; LENGTH: 426
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (148)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (167)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (169)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (258)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (396)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (413)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (414)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (417)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (421)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; US-09-908-711-70

Query Match      14.2%; Score 191; DB 10; Length 426;
Best Local Similarity 28.1%; Pred. No. 2e-09;
Matches 50; Conservative 42; Mismatches 76; Indels 10; Gaps 3;

QY 68 KHTTLNROGNEVSALPATLDSLISHLAOGELDQLEKHLRKGDNLVNKPDERGFTP 127
DB 27 KHRKRSRDRKKKSDANA-----SYLRAARAGHLEKALDYIKNGVD-INICNONGUNA 77
QY 128 LIWASAFGEIETVRFLEWGADPHILAKERESALSLASTGCTDIVGLLERDVIDINIYD 187
DB 78 LHLASKEGHVEVSELLQREANVDATKKGNTALHIASLAGQAEVVKLVLTNGANVNAQS 137
QY 188 WNGTPLLVAVRGNHVKCVEALLARGADLTTEADSGYTPMDLAVAGY-RKVOQVIEN 244
DB 138 QNGFTPLVMAXQENHLEVVKFLLDNGASQXLXTEDGFTPLAVALQOGHDQVVSLLLEN 195

RESULT 10
US-09-841-835-8
; Sequence 8, Application US/09841835
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; Patent No. US20020076795A1
; GENERAL INFORMATION:
; APPLICANT: de Lange, Titia
; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
; TITLE OF INVENTION: OF USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/841,835
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/196,387
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 673 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-841-835-8

Query Match      13.9%; Score 187; DB 10; Length 673;
Best Local Similarity 24.3%; Pred. No. 9e-09;
Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

QY 18 ASELGDPEDPGEAEADGSDTV-VLSLPCTPEPVNPEDBASVSSPQAGSSLKHTTLTNR 76
DB 137 SSSSSPSSPSSSLAESPEAGVSSSTAPLPGAGP-----GTGVPVAVSGALRE---LLEA 189
QY 77 QRGNEVSALPATLDSLISL-----HQLAAOGELDQLEKHLRKGDNLVNKPDER 123
DB 190 CRNGDVSrvKRLVDANVNAKDMAGRKSSPLHFAAGFRKDVVEHLLQMGAN-VHARDG 248
QY 124 GFTPLIWASAFGEIETVRFLL-----EW-----GADP 150
DB 249 GLIPLHNACSFGEHAEVSVLLLCQGADPNARDNWNVYPLHEAIAIKGIDVCIVLLQHGADP 308
QY 151 HILAKERESALSAS-----TGGY-----TDIVGLLERDVIDINIYDWN 189
DB 309 NLRNTDGKSLDLADPSAKAVLTGEYKDELLEAARSGNEKLMALLTPLNVNCHASDGR 368
QY 190 GGTPLLVAVRGNHVKCVEALLARGADLTTEADSGYTPMDLAVAGYRKVOQVIENH 245
DB 369 KSTPLHLAAGYNRVRIVQLLQHGADVHAKDKGLVPLHNACSYGHYEVTELLKH 424

RESULT 11
US-09-841-835-10
; Sequence 10, Application US/09841835
; Patent No. US20020076795A1
; GENERAL INFORMATION:
; APPLICANT: de Lange, Titia
```

APPLICANT: Smith, Susan
TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
TITLE OF INVENTION: OF USE THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/841,835
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/196,387
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 949 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-841-835-10

Query Match 13.9%; Score 187; DB 10; Length 949;
Best Local Similarity 24.3%; Pred. No. 1.5e-08;
Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

QY 18 ASELGDPEDPGEAADGSDTV-VLSLFPCTPEPVNPEPDASVSSPQAGSSLKHSITLTNR 76
DB 137 SSSSSSPSSPSSSLAESPEAGVSTAPLPGGAAP---GTGVPAVSGALRE---LLEA 189

QY 77 ORGNEVSALPATLDSLST-----HQLAQGELDQLKEHLRKGDNLVKNKPD 123
DB 190 CRNGDVSRLVDAANVNAMKDMAGRKSSPLHFAAGFGRKDVVEHLQMGAN-VHARDG 248

QY 124 GFTPLIWASAFGEIETVRFLL-----EW-----GADP 150
DB 249 GLIPLHNACSFHAEVSVLLLCQADPNARDNNWYTPLEHAIKIDVCIYLLQHGADP 308

QY 151 HILAKRESALSLSA-----TGGY-----TDIVGLLERVDINITYDN 189
DB 309 NIRNTDGKSLDLADPSAKAVLTGEYKDELLEAARSGNEEKMALLTPLNVNCHASDGR 368

QY 190 GGTPLLAVRGNHVKCVALLARGADLTTEADSGYTPMDLAVALLGYRKVQVNIENH 245
DB 369 KSTPLHLAAGYNRVRIQVLLQHGADVHAKDKGGLVPLHNACSYGHEVTELLKH 424

RESULT 12
US-09-972-115A-8
Sequence 8, Application US/09972115A
Publication No. US20030032769A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
ATTORNEY/AGENT INFORMATION:
NAME: Gregg, Morin B.
REGISTRATION NUMBER: 26,742
APPLICANT: Walter, Funk D.
APPLICANT: Mieczyslaw, Piatyszek A.

TITLE OF INVENTION: A Second Mammalian Telomerase
FILE REFERENCE: 080/003C
CURRENT APPLICATION NUMBER: US/09/972,115A
CURRENT FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/128,577
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/129,123
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 1327
TYPE: PRT
ORGANISM: Homo sapiens
US-09-972-115A-8

Query Match 13.9%; Score 187; DB 9; Length 1327;
Best Local Similarity 24.3%; Pred. No. 2.3e-08;
Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

QY 18 ASELGDPEDPGEAADGSDTV-VLSLFPCTPEPVNPEPDASVSSPQAGSSLKHSITLTNR 76
DB 137 SSSSSSPSSPSSSLAESPEAGVSTAPLPGGAAP---GTGVPAVSGALRE---LLEA 189

QY 77 ORGNEVSALPATLDSLST-----HQLAQGELDQLKEHLRKGDNLVKNKPD 123
DB 190 CRNGDVSRLVDAANVNAMKDMAGRKSSPLHFAAGFGRKDVVEHLQMGAN-VHARDG 248

QY 124 GFTPLIWASAFGEIETVRFLL-----EW-----GADP 150
DB 249 GLIPLHNACSFHAEVSVLLLCQADPNARDNNWYTPLEHAIKIDVCIYLLQHGADP 308

QY 151 HILAKRESALSLSA-----TGGY-----TDIVGLLERVDINITYDN 189
DB 309 NIRNTDGKSLDLADPSAKAVLTGEYKDELLEAARSGNEEKMALLTPLNVNCHASDGR 368

QY 190 GGTPLLAVRGNHVKCVALLARGADLTTEADSGYTPMDLAVALLGYRKVQVNIENH 245
DB 369 KSTPLHLAAGYNRVRIQVLLQHGADVHAKDKGGLVPLHNACSYGHEVTELLKH 424

RESULT 13
US-09-841-835-2
Sequence 2, Application US/09841835
Patent No. US20020076795A1
GENERAL INFORMATION:
APPLICANT: de Lange, Titia
TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/841,835
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/196,387
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1327 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-09-841-835-2

Query Match 13.9%; Score 187; DB 10; Length 1327;
Best Local Similarity 24.3%; Pred. No. 2.3e-08;
Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

QY 18 ASGLDPEDEPGEADSDTV-VLSLPCTPEPVNPEPDASVSSPQAGSSLKSTLTNR 76
Db 137 SSSSSSPSSPGSSLAESPEAGVSTAPLGPAGP---GTGVPVAVSGALRE---LLEA 189
QY 77 QRGNEVSALPATLDSLSI-----HQLAAGELDQKHLRKGDNLVKKPDER 123
Db 190 CRNGDVSRVVKRLVDANVNNAKDMAGRKSSPLHFAAGFRKDVVEHLQMGAN-VHARDG 248
QY 124 GFTPLIWASAFGEIETVRFLL-----EW-----GADP 150
Db 249 GLIPLHNAESFGHAEVSVLLCQGADPNARDNMNYPPLHAAIKGKIDVCIVLQHGADP 308
QY 151 HILAKERSALSLAS-----TGGY-----TDIVGLLERDNDINIDWN 189
Db 309 NIRNTDGKSLDLADPSAKAVLTGEYKDELLEAARSGNEKLMALLTPLNVNCHASDGR 368
QY 190 GGTPLIYAVRGNHVKCEVALLARAGADLTTEADSGYTPMDLAVALGYRKVQGVIEH 245
Db 369 KSTPLHLAAGYNRVRIVQLLQHGADVHAKDKGLVPLHNACSYGHYEVTLLKH 424

RESULT 14
US-09-835-788A-18
Sequence 18, Application US/09835788A
Patent No. US20020077458A1
GENERAL INFORMATION:
APPLICANT: NI et al.
TITLE OF INVENTION: Death Domain-Containing Receptor Polynucleotides, Polypeptides, a
TITLE OF INVENTION: Antibodies
FILE REFERENCE: PT018P1
CURRENT APPLICATION NUMBER: US/09/835,788A
CURRENT FILING DATE: 2001-04-17
PRIOR APPLICATION NUMBER: PCT/US00/28666
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/159,585
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 60/167,246
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 285
TYPE: PRT
ORGANISM: Homo sapiens
US-09-835-788A-18

Query Match 13.8%; Score 185; DB 10; Length 285;
Best Local Similarity 34.3%; Pred. No. 4e-09;
Matches 48; Conservative 30; Mismatches 60; Indels 2; Gaps 2;
QY 100 QGELDQKHLRKGDNLVKKPDERGFTPLIWASAFGEIETVRFLEWGADPHILAKERES 159
Db 40 KGHLDVVRFLLEAGADQEHKTDEN-HTALMEACMDGHVEVARLLIDSGAQVMPADSFE 98

QY 160 ALSLASTGYTDIVGLLERDNDINIDWNGGTPLIYAVRGNHVKCEVALLARAGADLTTE 219
Db 99 PLTLAAGGHVELAALLIERGANLEEVNDEGYTPLMEAREGHEEMVALLAOGANINAQ 158
QY 220 A-DSGYTPMDLAVALGYRKV 238
Db 159 TEETQETALTTLACCGFSEV 178

RESULT 15
US-09-964-899-43
Sequence 43, Application US/09964899
Patent No. US20020174446A1
GENERAL INFORMATION:
APPLICANT: Cohen, Dalia et al.
TITLE OF INVENTION: Identification of Genes Involved in
TITLE OF INVENTION: Alzheimer's Disease Using Drosophila melanogaster
FILE REFERENCE: 4-31612 A
CURRENT APPLICATION NUMBER: US/09/964,899
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/236,893
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/298,309
PRIOR FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 53
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 43
LENGTH: 1724
TYPE: PRT
ORGANISM: Homo Sapien
US-09-964-899-43

Query Match 13.8%; Score 185; DB 9; Length 1724;
Best Local Similarity 30.4%; Pred. No. 5.2e-08;
Matches 45; Conservative 36; Mismatches 65; Indels 2; Gaps 2;
QY 98 AAQGLDQKHLRKGDNLVKKPDERGFTPLIWASAFGEIETVRFLEWGADPHILAKER 157
Db 11 ARAGHLEKALDIKNGVD-INICNQGNALHLASKEGHEVEVSELLQREANVDAATKKG 69
QY 158 ESALSASTGYTDIVGLLERDNDINIDWNGGTPLIYAVRGNHVKCEVALLARAGADLT 217
Db 70 NTAHLIASLAGQAEVVKLVINGANVNAQSQNGFTPLYMAAQENHLEVVKFLLDNGASQS 129
QY 218 TEADSGYTPMDLAVALGY-RKVQGVTEH 244
Db 130 LATEDGFTPLVALAQGHQDVVSLLEN 157

Search completed: March 17, 2003, 16:45:07
Job time : 18 secs

